

TOWNSHIP OF WILMOT
2024 Capital Budget Request Form #07

Department: Community Services

Project Name: NH Arena Reconstruction/Multi-Use Facility Phase 1

Project Type: Replacement & Rehabilitation

Project Description

Architectural Design Drawings and Class A Cost Estimate for the New Hamburg Multi-Use Facility Retrofit Project.

Background & Justification

For many decades, the New Hamburg Arena stood as the sole facility of its kind in the Township until the development of the Wilmot Recreation Complex in 2007, which accommodates the twin-pad arenas - Schout Performance, and New Hamburg Optimist. Consequently, the refrigeration plant/ice was removed, and the arena has since been utilized for TCP performances, Fall Fair Agriculture Displays, Remembrance Day Ceremonies, Lacrosse Club, Roller Derby, and Ball Hockey, among others.

In 2017, the Township allocated funding for the New Hamburg Arena Engineering/Re-commissioning Study which produced schematic designs to guide the future of this facility and preserve its significance for the community. The township continues efforts to maintain the structural components and operational capabilities of the building as a rental facility only.

In April 2022, the Ontario Provincial Government, in collaboration with the Strategic Priorities Infrastructure Fund (SPIF) within the Sports and Community Renewal (SCR) sub-stream, granted approval for an investment of \$4,181,032.00 in the redevelopment of the New Hamburg Arena, which constituted 73.3% of the budget initially requested in the 2019 grant application. The conditions for the chosen recipient encompassed a required contribution of the remaining 26.7%, which corresponds to a township investment of \$1,522,968.00.

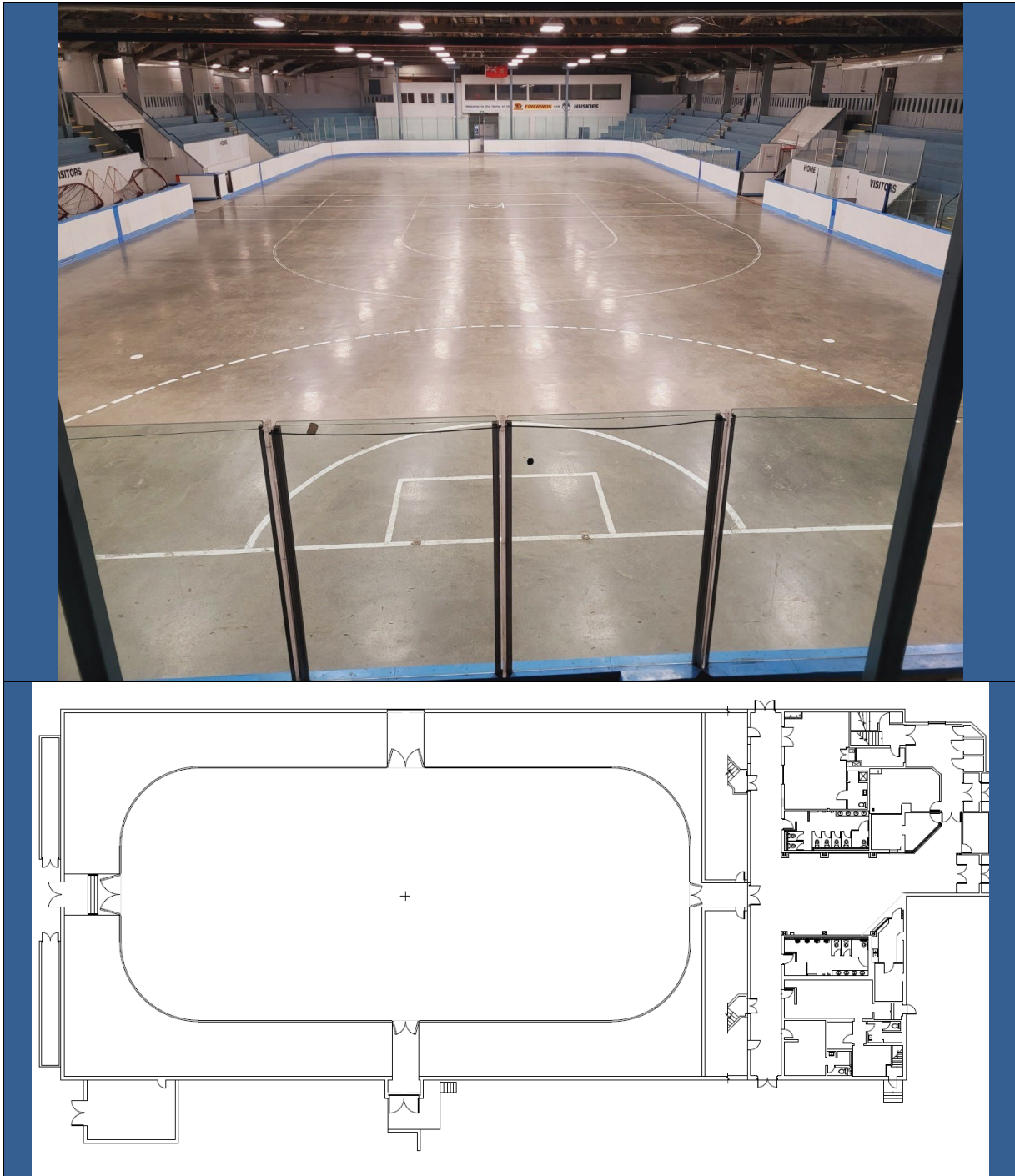
However, due to inflation, the initial funding to fully implement the entirety of the scope of work detailed in the 2019 grant application is not sufficient. The project is now anticipated to cost a total of \$6,617,140.35, not \$5,704,000 as originally scoped and budgeted for in 2019. Any additional costs for the project would need to be funded by the Township. Conditions of this grant is for all work to be substantially completed by March 2027.

The objective of this retrofit project is to transform the arena into a versatile, year-round facility suitable for a variety of warm floor sports and recreational activities. Additionally, it aims to establish a semi-permanent venue for The Community Players of New Hamburg (TCP) promoting Arts and Culture within Wilmot.

The reconstruction efforts include several pivotal components, which entail bringing the building and its infrastructure into alignment with current building, electrical, and emergency code standards which will involve updating the HVAC equipment, renewing electrical systems and panels, modernizing plumbing infrastructure, and redesigning the bleacher seating. The project also encompasses the design and installation of a comprehensive fire suppression system, as well as the installation of an elevator that adheres to accessibility.

This budget proposal involves only Phase 1, concept development and feasibility cost estimate in retaining a Lead Architect for the project. They will assume responsibility for conducting public consultations and collaborating with user groups to contribute to project concept and design development. Any commencement of Phase 2, detail design development will be subject to Council approval based on deliverables and updated budget requirements resulting from completion of Phase 1.





Financial Considerations:

Strategic Priorities Infrastructure Fund (SPIF) Grant	\$51,310
Cash-in-Lieu of Parkland Reserve	\$18,690
TOTAL ESTIMATED PROJECT COST	\$70,000

Estimated Start and Completion Date: Q2 2024 – Q4 2024

Submitted By: Chris Catania, Director of Community Services

TOWNSHIP OF WILMOT
2024 Capital Budget Request Form #39

Department: Community Services

Project Name: Level 3 Electronic Vehicle (EV) Charging Stations (Baden & New Hamburg)

Project Type: Growth / New

Project Description

Subject to the approval of Grant funding from the Electric Vehicle (EV) ChargeON Program, the Community Services Department intends to deploy two Level 3 Electronic Vehicle (EV) Chargers. These chargers will be stationed at the Wilmot Recreation Complex (WRC) and the New Hamburg Community Centre, respectively.

Justification

Level 3 EV chargers, alternatively known as DCFC or fast charging stations, elevate the electric vehicle charging process by rapidly refilling a significant portion of electric vehicle batteries in just minutes. The stark difference from the extended charging times linked to Level 1 and 2 chargers, where achieving comparable results could take hours, underscores the efficiency and time-saving advantages of Level 3 charging.

The chosen locations have undergone assessment which concluded the necessary infrastructure is available to provide ample power to support a Level 3 charging station. The WRC's highway-side location facilitates quick charging accessibility for commuters and facility users. The proximity of the New Hamburg Community Centre and Arena, just 190 meters away (an approximate 3-minute walk), from Peel Street, proves especially beneficial for community members and visitors of Wilmot as this strategic placement not only supports EV owners attending events hosted by the facility but also offers rapid charging opportunities to patrons of New Hamburg's downtown core.

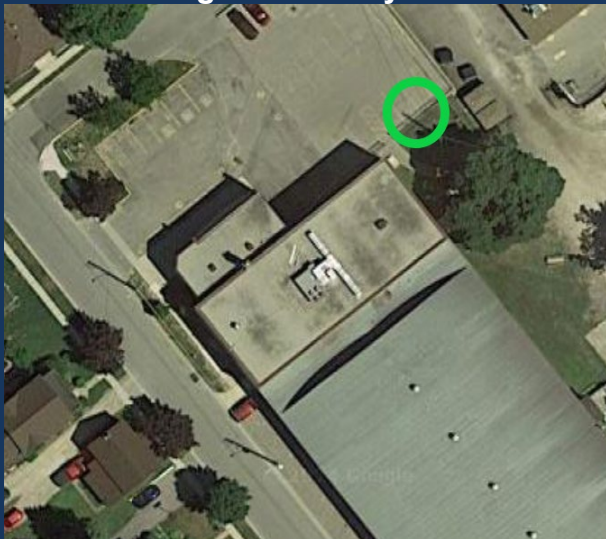
The deployment of these two units will not only enable the township to address the increasing need for rapid and convenient electric vehicle charging options but also ensures the township's visibility on various EV Charging Apps such as ChargeHub, PlugShare, ChargePoint, Tesla, EVgo, etc.

The EV ChargeON initiative provides partial funding for the installation of public electric vehicle (EV) chargers in communities located outside major cities to expand the EV network, improve accessibility, and encourage greater adoption of electric vehicles. The Township has diligently chosen locations that adhere to the eligibility criteria for this grant funding. This includes ensuring that each EV charger location meets specified port requirements, ensuring all ports will be publicly accessible 24/7, and verifying community populations do not exceed 170,000 individuals.

This grant operates on a project reimbursement model, necessitating the township to cover the entire project costs during construction. Upon furnishing a final status update confirming the project's substantial completion, ChargeON will reimburse 75% of all eligible project costs, with a cap of \$75,000 per station.

Successful award of this grant will ensure the township is well-positioned to provide a compelling opportunity for convenient and efficient charging services, thereby enhancing the visibility, recognition, and appeal of visiting the Township of Wilmot to passersby.

New Hamburg Community Centre/Arena



Wilmot Recreation Complex



Funding Contribution Breakdown	New Hamburg CC	WRC
ChargeON (75% up to \$75,000)	\$75,000	\$75,000
Township (25% + funding beyond \$75,000/port)	\$65,000	\$65,000
TOTAL TOWNSHIP CONTRIBUTION		\$130,000

Financial Considerations:

ChargeON Grant	\$150,000
Tax Funded Growth Infrastructure Reserve Fd	<u>\$130,000</u>
TOTAL ESTIMATED PROJECT COST	\$280,000

Operating Considerations & Cost Recovery Options:

Average of 4 charges per day at \$15/hour:
 \$60/day
 \$420/week
 \$21,840/year

Approximately 3 years pay back per charging station on Township capital contribution. This does not include Township costs of providing electricity.

Estimated Start and Completion Date: Q3 2024 – Q4 2024

Submitted By: Chris Catania, Director of Community Services

TOWNSHIP OF WILMOT
2024 Capital Budget Request Form #40

Department: Community Services

Project Name: Design and Construct Baden Off-Leash Dog Park

Project Type: Growth / New

Project Description

Design and Construction of a Baden Off-Leash Dog Park

Justification

Municipalities have shown an increased demand for off-leash dog parks with the leisure and social benefit for residents and enhanced community interaction.

As a result, the Township proceeded to site and construct an off-leash dog park at William Scott Park in New Hamburg that opened in September 2020. This off-leash dog park is the only facility of this kind in the Township. This well utilized off-leash dog park has provided favourable feedback due to its quaint, natural location. No such facility exists for the settlement of Baden.

Financial considerations for this facility include design and construction. Council may choose to defer proceeding with a Baden off-leash dog park until this facility is validated through the Community Services Masterplan update due in Q3 2024.

Financial Considerations:

Development Charges – Parks & Facilities	\$120,000
Tax Funded Growth Infrastructure Reserve Fd	30,000
TOTAL ESTIMATED PROJECT COST	\$150,000

Estimated Start and Completion Date: Q3 2024 – Q4 2024

Submitted By: Chris Catania, Director of Community Services

TOWNSHIP OF WILMOT
2024 Capital Budget Request Form #66

Department: Fire Services

Project: Tanker Certification and Certified Explosion and Fire Investigator (CEFI) Certification

Project Type: Mandatory certification

Project Description

Recertify tanker certification and CEFI Certification

Justification

Tanker Certification:

Wilmot fire department relies on alternate water sources when hydrant protection is not available. A large cross section of Wilmot township is not hydrant protected and rural. Fire Underwriters Survey (FUS) provides oversight to the insurance industry which provides superior tanker shuttle certification along with other 3rd party providers which are recognized by the insurance industry. Certification testing is required every 5 years to maintain certification and must meet the following standards.

- The fire department must be able to prove through testing that the specified requirements of Superior Tanker Shuttle Service can be met.
- For personal lines insurance, the fire department must be able to deliver a flow rate of not less than 950 LPM (200 IGPM) within 5 minutes of arriving at the test site with the first major piece of apparatus (wheel stop).
- For commercial lines insurance, the fire department must be able to deliver a flow rate of not less than 1900 LPM (400 IGPM) within 5 minutes of arriving at the test site with the first major piece of apparatus (wheel stop).
- The fire department must be able to deliver the flow rate which will be accredited within 10 minutes of arriving at the test site with the first major piece of apparatus (wheel stop).
- The volume of water available for firefighting must be adequate to sustain the accredited flow rate for a duration in accordance with the Fire Underwriters Survey Water Supplies for Public Fire Protection
- To be recognized for fire insurance grading purposes, the protected property must be located within:
 - Commercial Lines (PFPC) - 5 km of a fire station AND 2.5 km of an approved water supply point
 - Personal Lines (DPG) - 8 km of a fire station AND 5 km of an approved water supply point
- To be recognized for fire insurance grading purposes, the water-delivery system must be available AND accessible 24 hours per day and 365 days per year.

The provide list is a general overview and not comprehensive, other requirements are required to be met in addition to what has been provided. Certification provides annual insurance rate reductions to those residents who fall with the provide distance requirements. 2024 is the end of our 5-year certification cycle and therefore we are required to recertify by the end of 2024.

Certified Explosion and Fire Investigator (CEFI) Certification:

Fire departments are responsible to provide fire investigation services or at minimum have NFPA training in fire investigation and a thorough understanding of when and who to contact when required. The Fire Chief and the Chief Fire Prevention Officer are assigned as Assistant to the Fire Marshall. This designation requires both positions to report all fires to the Ontario Fire Marshall and Emergency Management (OFMEM) as per reporting criteria. Criteria is provided by the OFMEM. This necessitates that these positions be suitably trained to identify when experts should be brought when

Wilmot FD identifies fires of a suspicious nature, explosions, incendiary fires, and others to summon the OFMEM investigations branch and Police Services. CEFI provides extensive training to both NFPA 921 Guide for Fire and Explosions Investigations and NFPA 1033 Standards for Professional Qualifications for Fire Investigator. The training involves 40 hours of classroom, several hours of pre-course reading, and an exam proctored by CEFI. Once certified, each inspector is required to continue to conduct fire investigations and refer to the CEFI website for additional information and training resources. Certification has a mandatory 5-year recertification requirement. Recertification requires 40 hours of classroom training. Unfortunately, CEFI has not offered a recertification course in Canada for several years which requires both the Fire Chief and the Chief Fire Prevention Officer to attend recertification in the US. Both the Fire Chief and Chief Training Officer recertified in Pittsburg in 2019. To save costs, a course site will be chosen that will not require air travel and hotel accommodations are provided at a reduced rate as offered by CEFI. 2024 is the end of the 5-year cycle and both the Fire Chief and Chief Fire Prevention Officer require recertification.

Financial Considerations:

Strategic Initiatives Reserve Fund	\$8,000
TOTAL ESTIMATED PROJECT COST	\$8,000

Estimated Start and Completion Date: Q3 2024 – Q4 2024

Submitted By: Rod Leeson, Fire Chief